



31/12/94

Transmittal Note

SUPPLEMENT TO
ANNEX 16 — ENVIRONMENTAL PROTECTION
VOLUME II —
AIRCRAFT ENGINE EMISSIONS
(Second Edition)

1. The attached Supplement supersedes all previous Supplements to Annex 16, Volume II and includes differences notified by Contracting States up to 31 December 1994.
2. This Supplement should be inserted at the end of Annex 16, Volume II, Second Edition. Additional differences received from Contracting States will be issued at intervals as amendments to this Supplement.

**SUPPLEMENT TO ANNEX 16 —
ENVIRONMENTAL PROTECTION**

Volume II — Aircraft Engine Emissions

Second Edition

Differences between the national regulations and practices of Contracting States and the corresponding International Standards and Recommended Practices contained in Annex 16, Volume II as notified to ICAO in accordance with Article 38 of the *Convention on International Civil Aviation* and the Council's resolution of 21 November 1950.

DECEMBER 1994

INTERNATIONAL CIVIL AVIATION ORGANIZATION

RECORD OF AMENDMENTS TO SUPPLEMENT

<i>No.</i>	<i>Date</i>	<i>Entered by</i>	<i>No.</i>	<i>Date</i>	<i>Entered by</i>
1	25/3/99				

**AMENDMENTS TO ANNEX 16, VOLUME II ADOPTED OR APPROVED
BY THE COUNCIL SUBSEQUENT TO THE SECOND EDITION ISSUED JULY 1993**

<i>No.</i>	<i>Date of adoption or approval</i>	<i>Date applicable</i>	<i>No.</i>	<i>Date of adoption or approval</i>	<i>Date applicable</i>
3	20/3/97	N/A			

1. Contracting States which have notified ICAO of differences

The Contracting States listed below have notified ICAO of differences which exist between their national regulations and practices and the International Standards of Annex 16, Volume II, Second Edition, or have commented on implementation.

The page numbers shown for each State and the dates of publication of those pages correspond to the actual pages in this Supplement.

<i>State</i>	<i>Date of notification</i>	<i>Pages in Supplement</i>	<i>Date of publication</i>
France	18/11/93	1	31/12/94
Netherlands	3/11/93	1	25/3/99
New Zealand	19/10/93	1	31/12/94
Qatar	22/6/93	1	31/12/94
Russian Federation	30/9/93	1	31/12/94
Saudi Arabia	16/7/93	1	31/12/94
Vanuatu	2/8/93	1	31/12/94

2. Contracting States which have notified ICAO that no differences exist

<i>State</i>	<i>Date of notification</i>	<i>State</i>	<i>Date of notification</i>
Argentina	2/9/93	Iceland	31/10/94
Australia	2/8/93	Ireland	10/10/93
Austria	26/7/93	Jordan	17/10/93
Bahrain	13/4/96	Lithuania	30/6/93
Barbados	25/5/93	Norway	12/10/93
Canada	13/7/93	Poland	30/9/93
Chile	26/10/93	Portugal	12/1/94
Cyprus	8/7/93	Singapore	16/9/93
Denmark	12/10/93	Spain	17/10/97
Egypt	25/7/93	Turkey	24/6/93
Fiji	12/7/93	Uganda	13/5/93
Finland	28/4/93	Uruguay	19/10/93
Germany	30/9/93	Venezuela	1/11/95

3. Contracting States from which no information has been received

Afghanistan	Ghana	Oman
Albania	Greece	Pakistan
Algeria	Grenada	Palau
Angola	Guatemala	Panama
Antigua and Barbuda	Guinea	Papua New Guinea
Armenia	Guinea-Bissau	Paraguay
Azerbaijan	Guyana	Peru
Bahamas	Haiti	Philippines
Bangladesh	Honduras	Republic of Korea
Belarus	Hungary	Republic of Moldova
Belgium	India	Romania
Belize	Indonesia	Rwanda
Benin	Iran (Islamic Republic of)	Saint Lucia
Bhutan	Iraq	Saint Vincent and the Grenadines
Bolivia	Israel	Samoa
Bosnia and Herzegovina	Italy	San Marino
Botswana	Jamaica	Sao Tome and Principe
Brazil	Japan	Senegal
Brunei Darussalam	Kazakhstan	Seychelles
Bulgaria	Kenya	Sierra Leone
Burkina Faso	Kiribati	Slovakia
Burundi	Kuwait	Slovenia
Cambodia	Kyrgyzstan	Solomon Islands
Cameroon	Lao People's Democratic Republic	Somalia
Cape Verde	Latvia	South Africa
Central African Republic	Lebanon	Sri Lanka
Chad	Lesotho	Sudan
China	Liberia	Suriname
Colombia	Libyan Arab Jamahiriya	Swaziland
Comoros	Luxembourg	Sweden
Congo	Madagascar	Switzerland
Cook Islands	Malawi	Syrian Arab Republic
Costa Rica	Malaysia	Tajikistan
Côte d'Ivoire	Maldives	Thailand
Croatia	Mali	The former Yugoslav Republic of Macedonia
Cuba	Malta	Togo
Czech Republic	Marshall Islands	Tonga
Democratic People's Republic of Korea	Mauritania	Trinidad and Tobago
Democratic Republic of the Congo	Mauritius	Tunisia
Djibouti	Mexico	Turkmenistan
Dominican Republic	Micronesia (Federated States of)	Ukraine
Ecuador	Monaco	United Arab Emirates
El Salvador	Mongolia	United Kingdom
Equatorial Guinea	Morocco	United Republic of Tanzania
Eritrea	Mozambique	United States
Estonia	Myanmar	Uzbekistan
Ethiopia	Namibia	Viet Nam
Gabon	Nauru	Yemen
Gambia	Nepal	Zambia
Georgia	Nicaragua	Zimbabwe
	Niger	
	Nigeria	

4. Paragraphs with respect to which differences have been notified

<i>Paragraph</i>	<i>Differences notified by</i>
General	Netherlands, Kingdom of the New Zealand Qatar Russian Federation Saudi Arabia Vanuatu

<i>Paragraph</i>	<i>Differences notified by</i>
Chapter 2	
General	France
Chapter 3	
General	France

Chapter 2

General The new engines certificated in France meet the emission conditions specified by Chapters 2 and 3 of Annex 16, Volume II. To date, France still does not issue an emission certificate and does not make an explicit reference to these technical specifications in its regulations.

Chapter 3

General The new engines certificated in France meet the emission conditions specified by Chapters 2 and 3 of Annex 16, Volume II. To date, France still does not issue an emission certificate and does not make an explicit reference to these technical specifications in its regulations.

General

Engine emission standards are not applicable. The Ministry of the Environment is responsible for setting emission standards. Discussions between the Ministry of Transport and the Ministry of the Environment on rulemaking have commenced.

General

New Zealand does not certificate aircraft with respect to the prevention of intentional fuel venting.
New Zealand does not itself carry out aircraft engine emission certification.

General

No regulations for aircraft engine emissions exist currently in the State of Qatar and no specific date can be given at present regarding incorporation of the ICAO provisions in the national regulations.

General

Work is presently under way in the Russian Federation on the preparation of new national standards (aviation regulations) for local aircraft noise which take into account the provisions of Annex 16, Volume II, including Amendment 2. It is intended to put these regulations into effect within the next six months, after which the Russian Federation will submit the required notification of differences.

General Standards for control of aircraft engine emissions have not yet been established for the Kingdom of Saudi Arabia.

General

While we do not disapprove of any of the amendments, we are not in a position to make a statement that differences will or will not exist on a certain date between the Vanuatu regulations and the Provisions of Annex 16, Volume I.

The Vanuatu Civil Aviation Directorate has been restructured and it is planned that as a result of this restructuring the necessary expertise will be available in approximately 12 months to commence a rewrite of the Vanuatu Civil Aviation Regulations. The rewrite will attempt to harmonize our regulations for the application of ICAO Standards with other States in the region.

As each part of our regulations is rewritten, we will advise you of any difference that may exist between our national rules and ICAO Standards.
